

CLAIMS

What is claimed is:

- 1 1. A computer program embodied on a computer readable medium for
2 developing component based software capable of linking information,
3 comprising:
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5 a data component that stores, retrieves and manipulates data utilizing a
6 plurality of functions; and
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8 a client component including:
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10 an adapter component that transmits and receives data to/from the
11 data component,
12
13 a business component that serves as a data cache and includes
14 logic for manipulating the data, and
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16 a controller component adapted to handle events generated by a
17 user utilizing the business component to cache data and the
18 adapter component to ultimately persist data to a data repository,
19
20 wherein the client component is adapted for providing information
21 concerning an individual and an event, allowing a user to input
22 information concerning involvement of the individual in the event,
23 allowing the user to link the individual to the event, and outputting linked
24 information concerning the individual, the event, and the involvement of
25 the individual in the event.
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8. A computer program embodied on a computer readable medium for creating a component based architecture capable of linking information, comprising:

- a user interface form code segment adapted for collecting data from a user input;
- a business object code segment adapted for caching data;
- an adapter code segment adapted for transmitting data to a server; and
- a controller component code segment adapted for handling events generated by the user interacting with the user interface code segment, providing validation within a logic unit of work, containing logic to

15 interact with the business component, creating one or more business
16 objects, interacting with the adapter component to add, retrieve, modify,
17 or delete business objects, and providing dirty flag processing to notify a
18 user of change processing;

19
20 wherein the computer program is adapted for providing information
21 concerning an individual and an event, allowing a user to input
22 information concerning involvement of the individual in the event,
23 allowing the user to link the individual to the event, and outputting linked
24 information concerning the individual, the event, and the involvement of
25 the individual in the event.

1 9. The computer program as set forth in claim 8, wherein the computer program
2 is further adapted for allowing the user to link the individual to a sub-
3 component of the event.

1 10. The computer program as set forth in claim 8, wherein the information
2 concerning the individual is provided from a client database.

1 11. The computer program as set forth in claim 8, wherein the information
2 concerning the event is provided from a claim database.

1 12. The computer program as set forth in claim 8, wherein the event is insurance
2 related.

1 13. The computer program as set forth in claim 8, wherein the computer program
2 is further adapted for providing the information concerning the involvement of
3 the individual in the event to another application.

1 14. The computer program as set forth in claim 13, wherein the application
2 provides a correspondence template, which includes the information
3 concerning the involvement of the individual in the event.

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1 15. A computer program embodied on a computer readable medium for
2 creating a component based architecture for allowing communication
3 between a plurality of clients and a server in order to link information,
4 comprising:
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6 one or more client components included with each client, each client
7 component of each client adapted for communicating and manipulating
8 data with a first data type, wherein the client component is adapted for
9 providing information concerning an individual and an event, allowing a
10 user to input information concerning involvement of the individual in the
11 event, allowing the user to link the individual to the event, and outputting
12 linked information concerning the individual, the event, and the
13 involvement of the individual in the event;
14
15 one or more server components adapted for communicating and
16 manipulating data with a second data type; and
17
18 one or more adapter components included with each client for translating
19 data from the one or more client components to the second data type when
20 communicating data from the client to the server and further translating
21 data from the one or more server components to the first data type when
22 communicating data from the server to the client.

1 16. The computer program as set forth in claim 15, wherein the client component
2 is further adapted for allowing the user to link the individual to a sub-
3 component of the event.

1 17. The computer program as set forth in claim 15, wherein the information
2 concerning the individual is provided from a client database.

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ADD F3 }